

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**MEMORANDUM**

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: September 2, 2021

SUBJECT: RM3P – Procurement Status Update

- 1. Purpose.** To inform Northern Virginia Transportation Authority (NVTA) of the status of procurement activities for the Regional Multimodal Mobility Program (RM3P).
- 2. Background.** RM3P has a mission to *“leverage the collaborative use of real-time data by Virginia’s public and private sectors to improve travel safety, reliability, and mobility, and to give the public the tools to make more informed travel choices.”* As such, RM3P is highly consistent with NVTA’s vision for the Northern Virginia multimodal transportation system.

NVTA has been actively contributing to pursuit of this mission for the past two years, in partnership with its Co-sponsors the Virginia Department of Transportation (VDOT) and the Department of Rail and Public Transportation (DRPT), along with an array of local and regional partners and stakeholders.

RM3P is comprised of five Program Elements that utilize technology to address distinct needs, but will also work synergistically to address overarching travel challenges:

- a. Data-Exchange Platform;
- b. Artificial Intelligence-Based Decision Support System;
- c. Commuter Parking Information System;
- d. Multi-Modal Analytical Planner; and
- e. Dynamic Incentivization.

The RM3P website (<https://rm3pvirginia.org/>) describes each Program Element in more detail.

- 3. Procurement Activities.** VDOT has recently released a Request for Qualifications (or RFQ), which will serve to pre-qualify vendors to reply to a future Request for Proposal (or RFP) to implement, deploy, and operate the Artificial Intelligence-Based Decision Support System Program Element. When deployed, this will *“help predict the impact of disruptions to the transportation network and provide coordinated response options to agencies.”* Interested

parties may learn more and reply to the request through the Commonwealth's eVA procurement platform:

https://mvendor.cgieva.com/Vendor/public/ADVSODetails.jsp?PageTitle=SO%20Details&DOC_CD=IFQC&Details_Page=ADVSODetails.jsp&DEPT_CD=A501&INTRNL_NO=52&BID_NO=52&BID_VER_S_NO=1

Earlier this summer it was also announced that the Regional Integrated Transportation Information System (RITIS) was selected to serve as the basis of another Program Element, the Data Exchange Platform, which will house and facilitate sharing of critical information on real-time and historic multi-modal travel conditions.

- 4. Next Steps.** It is anticipated that further procurement announcements will follow in the coming weeks, meaning that deployments will begin in 2022.

NVTA staff will continue to collaborate with VDOT and DRPT staff as RM3P advances.